

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 0022 with the following paragraph:

Reference is made to the appendix submitted herein. The appendix contains the following:

~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_01.tx~~
~~t (24,689 KB), which was created February 20, 2007; and~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_02.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_03.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_04.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_05.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_06.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_07.tx~~
~~t (24,683 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_08.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_09.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_10.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_11.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_12.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_13.tx~~
~~t (24,681 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_14.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_15.tx~~
~~t (24,681 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_16.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_17.tx~~
~~t (24,681 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_18.tx~~
~~t (24,681 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_19.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_20.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_21.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_22.tx~~
~~t (24,680 KB);~~

Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_23.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_24.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_25.tx
t (24,681 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_26.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_27.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_28.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_29.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_30.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_31.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_32.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_33.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_34.tx
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Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_35.tx
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Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_36.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_37.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_38.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_39.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_40.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_41.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_42.tx
t (24,698 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_43.tx
t (24,684 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_44.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_45.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_46.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_47.tx
t (24,680 KB);
Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_48.tx

~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_49.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_50.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_51.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_52.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_53.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_54.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_55.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_56.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_57.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_58.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_59.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_60.tx~~
~~t (24,680 KB);~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_61.tx~~
~~t (24,680 KB);~~ and
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_62.tx~~
~~t (24,683 KB), which were created January 22, 2007; and~~
~~Patent25_US_10_709577_Sequence_Listing_Feb_2007_Amended_63.tx~~
~~t (9,179 KB)~~
~~“Patent25_US_10_709577_Sequence_Listing_Jan_2007_Amended tmp~~
~~1001.txt” (550,001 KB),~~
~~“Patent25_US_10_709577_Sequence_Listing_Jan_2007_Amended tmp~~
~~1002.txt” (550,000 KB), and~~
~~“Patent25_US_10_709577_Sequence_Listing_Jan_2007_Amended tmp~~
~~1003.txt” (439,301 KB), which were created February 26, 2007~~
~~July~~
~~27, 2008, which altogether are a sequence listing in accordance with 37~~
~~C.F.R. §§ 1.821-1.825, the contents of which are incorporated by~~
~~reference herein.~~